

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

Date of Reporting: **24-Feb-16**  
System Reliability Indices Report for: **23-Feb-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

## Voltage Profile for the day of 23-Feb-2016

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	790	756	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	744	757
	Moga	0.00%	90.83%	9.17%	9.17%	807	766	786
	Phagi	0.00%	100.00%	0.00%	0.00%	780	752	764
WR	Aurangabad	0.00%	99.24%	0.76%	0.76%	806	753	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	761	761	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	755	772
	Sholapur	0.00%	84.31%	15.69%	15.69%	818	763	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	761	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	768	781
	Raichur	0.00%	88.40%	11.60%	11.60%	812	770	787
	Thiruvalam	0.00%	96.11%	3.89%	3.89%	811	779	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	763	738	750
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	767	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	769	780
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	388	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	403
	Silchar (400 kV)	0.00%	99.58%	0.42%	0.42%	421	411	416

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.